

SPK PROGRAM OVERVIEW

Cameron Sessions

Supplemental Program Manager

10 May 2019

"The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."



**US Army Corps
of Engineers**



CIVIL WORKS - SUPPLEMENTAL PROGRAM

Program:

Public Law 115-123 - Bipartisan Budget Act of 2018 (BBA FY18)

or

Long-Term Disaster Recovery Investment Program (LDRIP)

or

“Supplemental Program”

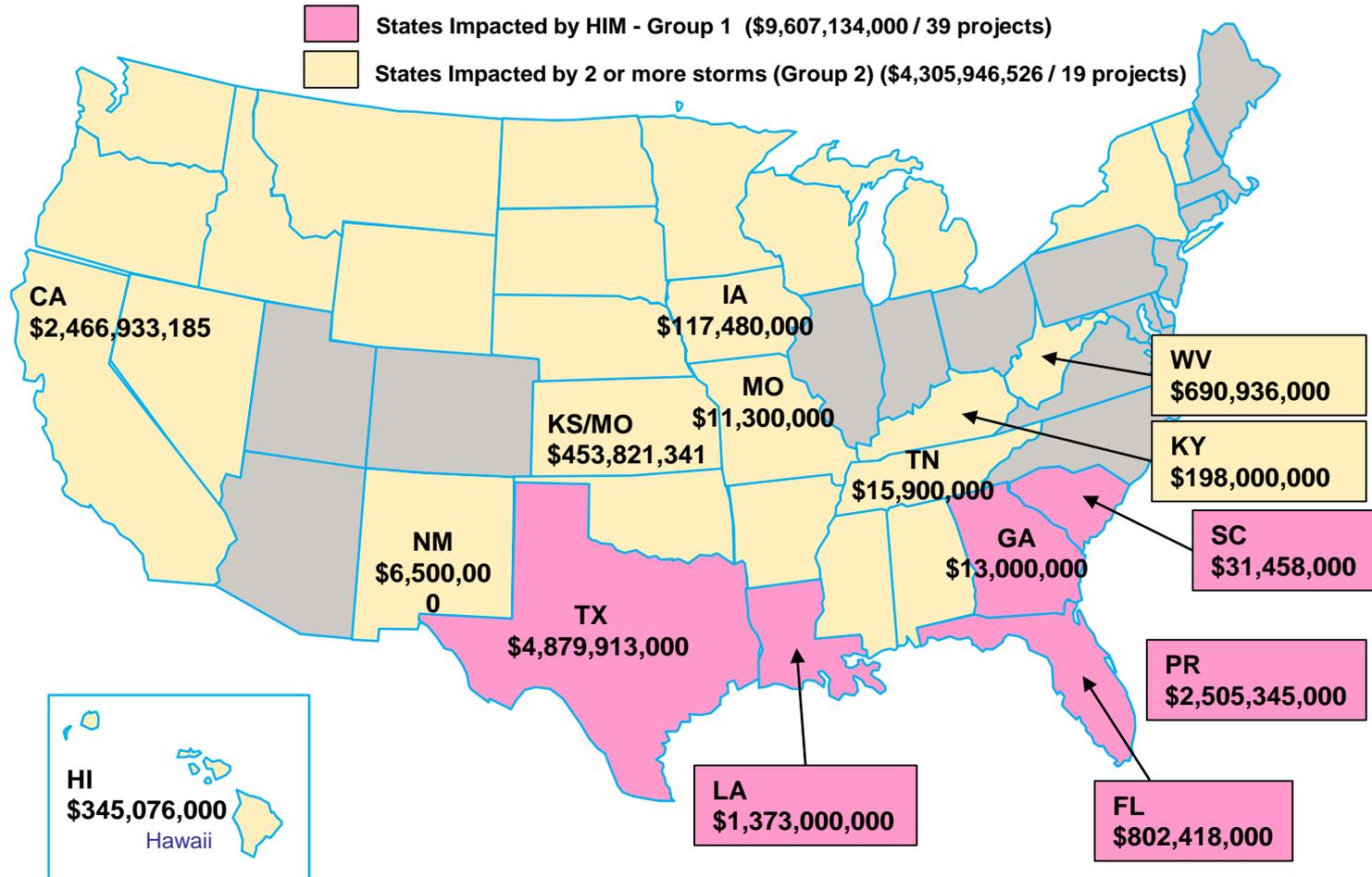
Program Objectives:

- 1. Fully fund projects to completion with the intent to reduce risk of future disasters
- 2. Complete projects
- 3. Expedite delivery



LONG-TERM DISASTER RECOVERY INVESTMENT PLAN

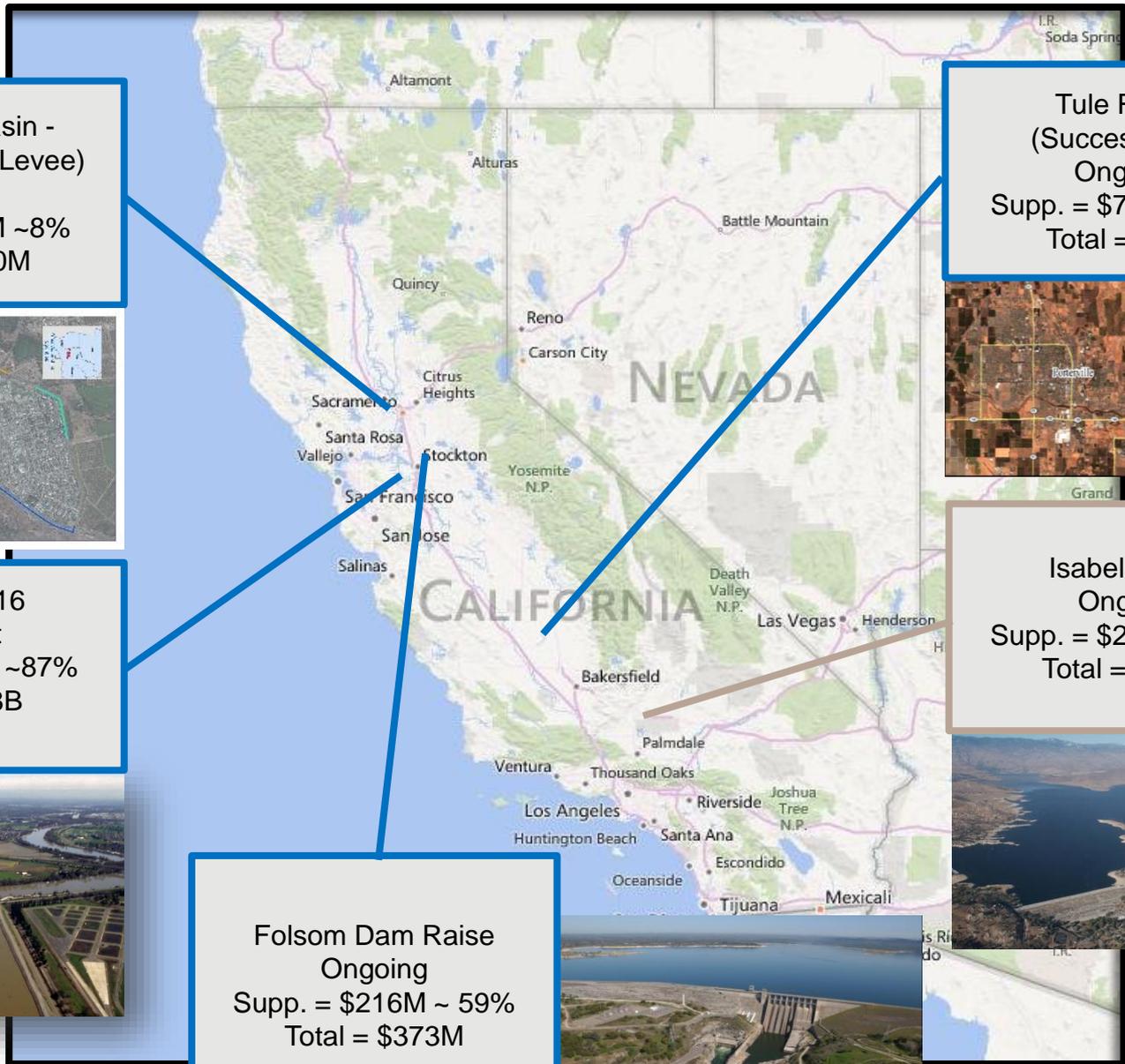
Construction Initial Allocations by State



US Army Corps
of Engineers



SPK SUPPLEMENTAL PROJECT LOCATIONS



**Yuba River Basin -
(Marysville Ring Levee)
Ongoing
Supp. = \$13.5M ~8%
Total = \$160M**



**Tule River -
(Success Dam)
Ongoing
Supp. = \$74M ~100%
Total = \$74M**



**ARCF – 2016
New Start
Supp. = \$1.57B ~87%
Total = \$1.8B**



**Isabella Dam
Ongoing
Supp. = \$258M ~ 43%
Total = \$601M**



**Folsom Dam Raise
Ongoing
Supp. = \$216M ~ 59%
Total = \$373M**



 Dam Safety
 Flood Damage Reduction

US Army Corps of Engineers





AMERICAN RIVER COMMON FEATURES 2016



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$1.8B

Fed Available: \$12.87M

Non-Fed Available: \$259.6K

Total Available: \$13.13M

Authorized Project:

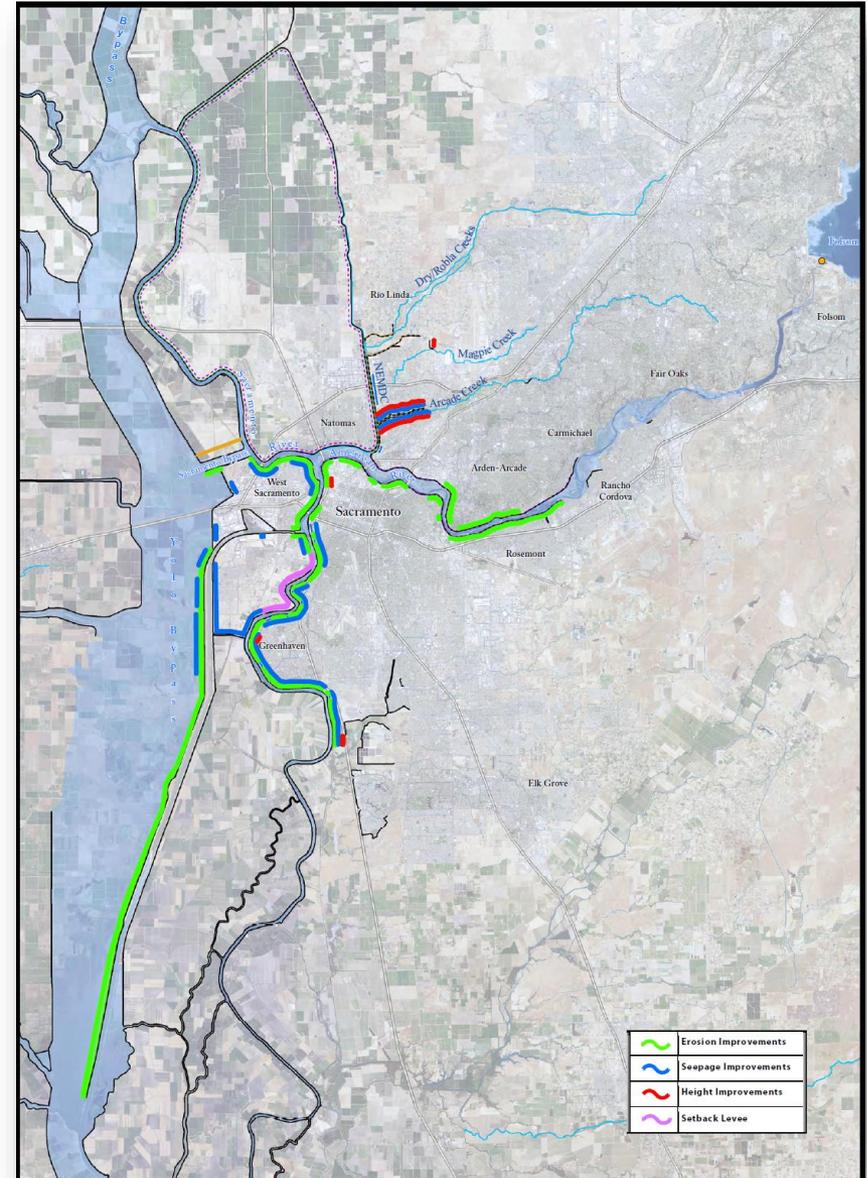
- Cutoff Walls – 13 miles
- Bank Protection – 21 miles
- Levee Stabilization – 5 miles
- Levee Raises – 5 miles
- Widen Sacramento Weir and Bypass 1500 ft

SCHEDULE

MAY 19	JUN 19	JUL 19
7 – RDC1 Issue Solicitation 17 - 35% Design submittal for AR C1 (Erosion) 31 – 35% Design Complete (Sac Weir)	01 – Start 65% Design & SEIS (Sac Weir) 16 – 65% SREL C1 29 – NAS Reach I RTA	30 – RDC1 Const. Award 65% Design submittal for AR C1

FY19 Commitments:

- Construction Award – Reach D, Contract 1
- North Beach Lake Mitigation Project Start
- Complete 100% Design for AR Contract 1 (Erosion)
- 65% Design (Sac Weir)





TULE RIVER



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$74M

Fed Available: \$4.3M

Non-Fed Available: \$0

Total Available: \$4.3M

Authorized Project:

- ~10 foot spillway raise
- ~365 foot wide spillway

SCHEDULE

MAY 19	JUN 19	JUL 19
<ul style="list-style-type: none"> - Continue SOW coordination - Continue VE efforts - Continue cultural survey - Continue Televiewer - Continue with SEA 30 – Award Ogee AE 	<ul style="list-style-type: none"> - Continue VE efforts - Continue cultural survey - Continue Televiewer - Continue with SEA 28 – 35% Right Cut Design 	<ul style="list-style-type: none"> 2 – 35% design complete for road relocation 16 – PDT review of 35% design for road relocation

FY19 Commitments:

- PPA Execution – 18 Apr 19 (A)
- Award Civil AE Contract – 09 Apr 19 (A)
- Award Ogee Contract – 30 May 19
- 35% Design Right Cut – 28 Jun 19





YUBA RIVER BASIN – MARYSVILLE



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$153M

Fed Available: \$46.1M

Non-Fed Available: \$1.56M

Total Available: \$47.56M

Authorized Project:

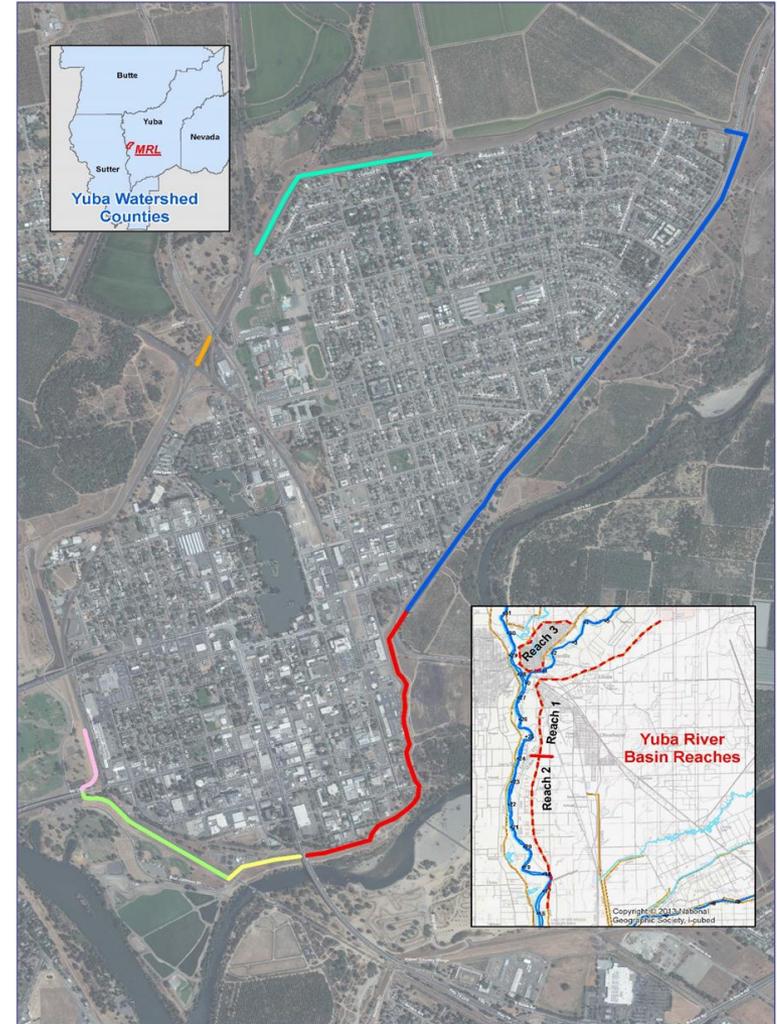
- Cutoff Walls – 5 miles

SCHEDULE

MAY 19	JUN 19	JUL 19
10 – 2C RTA (delayed) 27 – Draft SEA/FONSI Completed 29 – Phase 2B/3 ROE	06 – Phase 2B/3 RTA 14 – Final SEA/FONSI 28 – Sign SEA/FONSI	30 – 2B/3 RE certification

FY19 Commitments:

- Phase 2C RTA – 10 May 19
- Phase 2B/3 RTA – 06 Jun 19
- Phase 2B/3 SEA – 30 Jun 19
- Phase 2C RE Cert – 13 May 19
- Phase 2B/3 RE Cert – 30 Jul 19



Legend

Phase

- Phase 1
- Phase 2A
- Phase 2B
- Phase 2C
- Phase 3
- Phase 4A

Yuba River Basin, CA
Reach 3 MRL Project
Project Phases
Marysville, CA

0 500 1000 2000 Feet

This document is the property of the U.S. Army Corps of Engineers. It is to be used only for the purposes intended and is not to be distributed, copied, or reproduced in any form without the express written permission of the U.S. Army Corps of Engineers.



FOLSOM DAM RAISE



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$373M

Fed Available: \$3.7M

Non-Fed Available: \$0

Total Available: \$3.7M

Authorized Project:

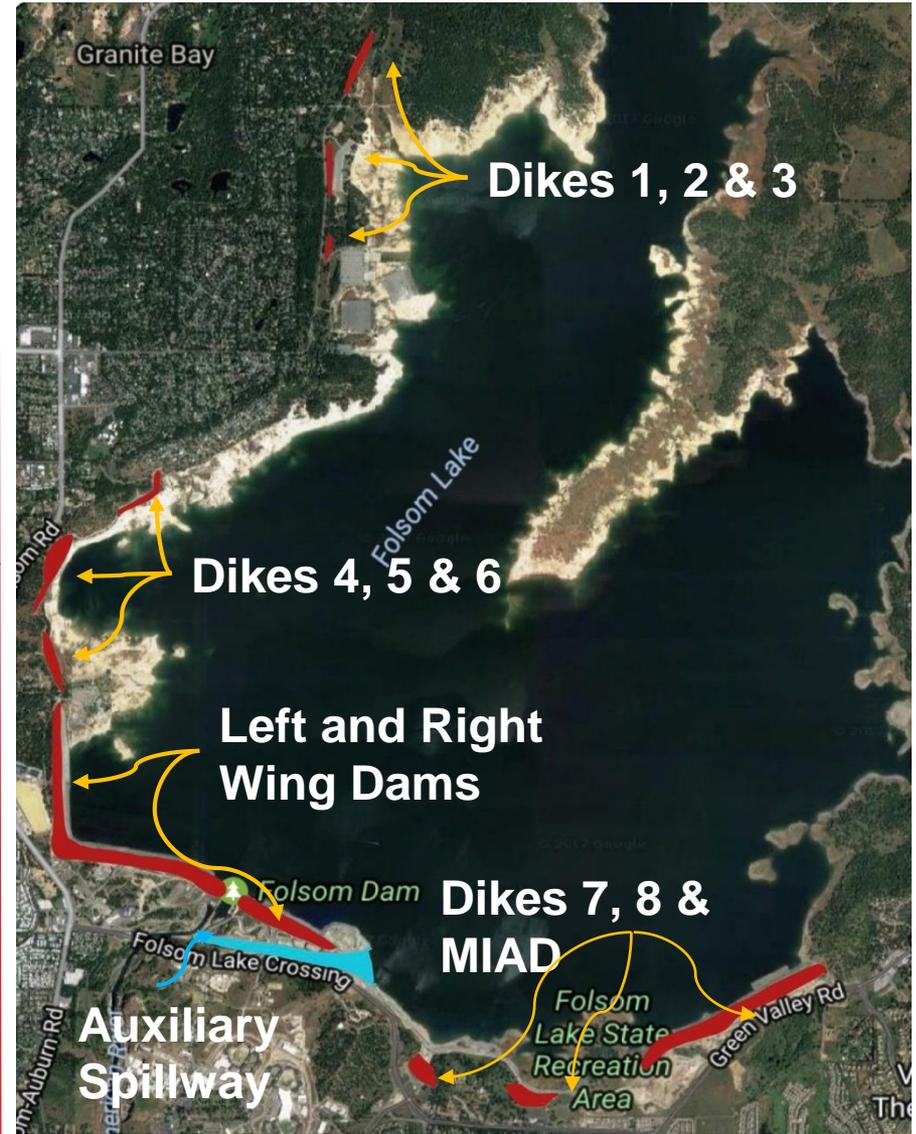
- Dike Raises – 5 miles
- Wing Dam Raises – 3 miles
- Auxiliary Dam Raise – 2 miles
- Main Dam Gates – 8
- Ecosystem Restoration (not supplemental funded)

SCHEDULE

MAY 19	JUN 19	JUL 19
08 – 65% Initial Design Submittal (Dike 7)	12 – 65% Design Initial Draft Submittal (Dikes 1-6)	1 – Dike 8 Construction Bids Due
30 –65% QA complete (Dike 7)	30 – Dike 8 - Post Solicitation on FBO for Construction	15 - 65% Design Interagency/ATR/SAR complete
31 May –Interagency Design Review begins (Dike 7)		

FY19 Commitments:

- 35% Design of Dikes 1-6
- 35% Design of Dikes 7,8, and MIAD
- 100% Design Review – Dike 8
- Construction Contract Award – Dike 8



CIVIL WORKS PROGRAM (NON-SUPPLEMENTAL)

- Subject to annual budget development & annual Appropriation process



US Army Corps
of Engineers





LOWER CACHE CREEK FLOOD RISK MANAGEMENT FEASIBILITY STUDY



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – TBD

Fed Available: \$112K

Non-Fed Available: \$561K

Total Available: \$673K

Tentatively Selected Plan:

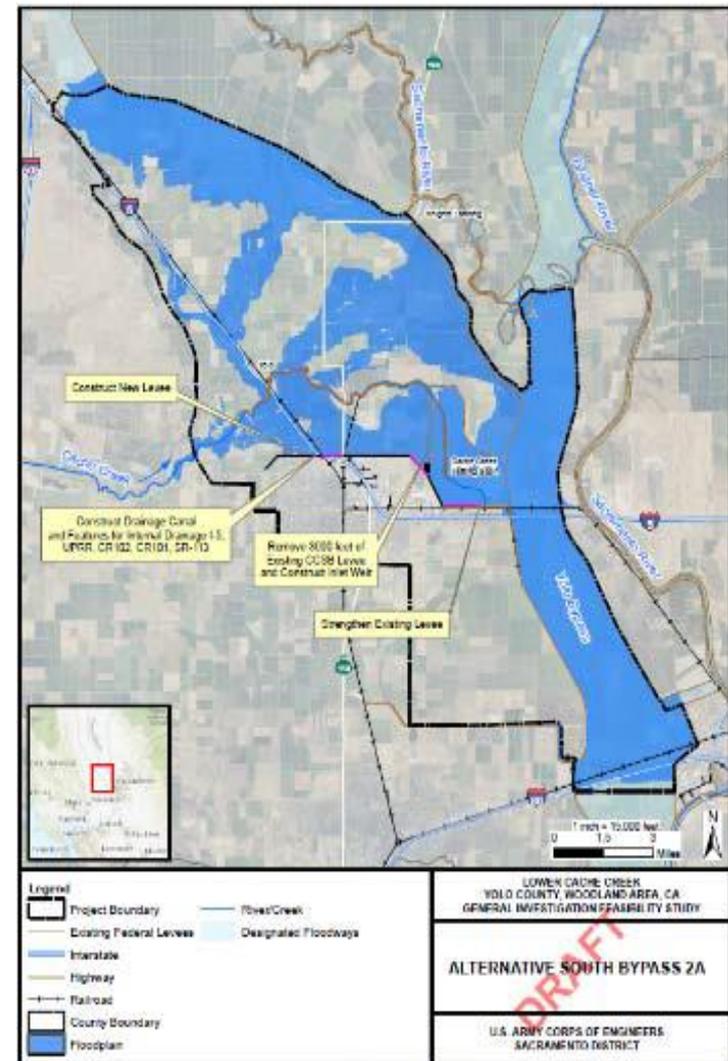
- Remove 3,000 feet of existing levee
- Construct seven (7) miles of new levee
- Strengthen levees along south border of settling basin
- Construct inlet weir and divert waters into settling basin

SCHEDULE

MAY 19	JUN 19	JUL 19
<ul style="list-style-type: none"> • Finalize schedule & funding plan for COA 2.5 • IPR – Funding & Schedule • Draft Report work efforts ongoing 	<ul style="list-style-type: none"> • Draft Report work efforts ongoing 	<ul style="list-style-type: none"> • Draft Report work efforts ongoing • IPR – Economics

FY19 Commitments:

- TSP
- Release of Draft Report





LOWER SAN JOAQUIN RIVER PED



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$1300M

Fed Available: \$0M

Non-Fed Available: \$0.037M

Total Available: \$0.037M

Authorized Project (WRDA 2018):

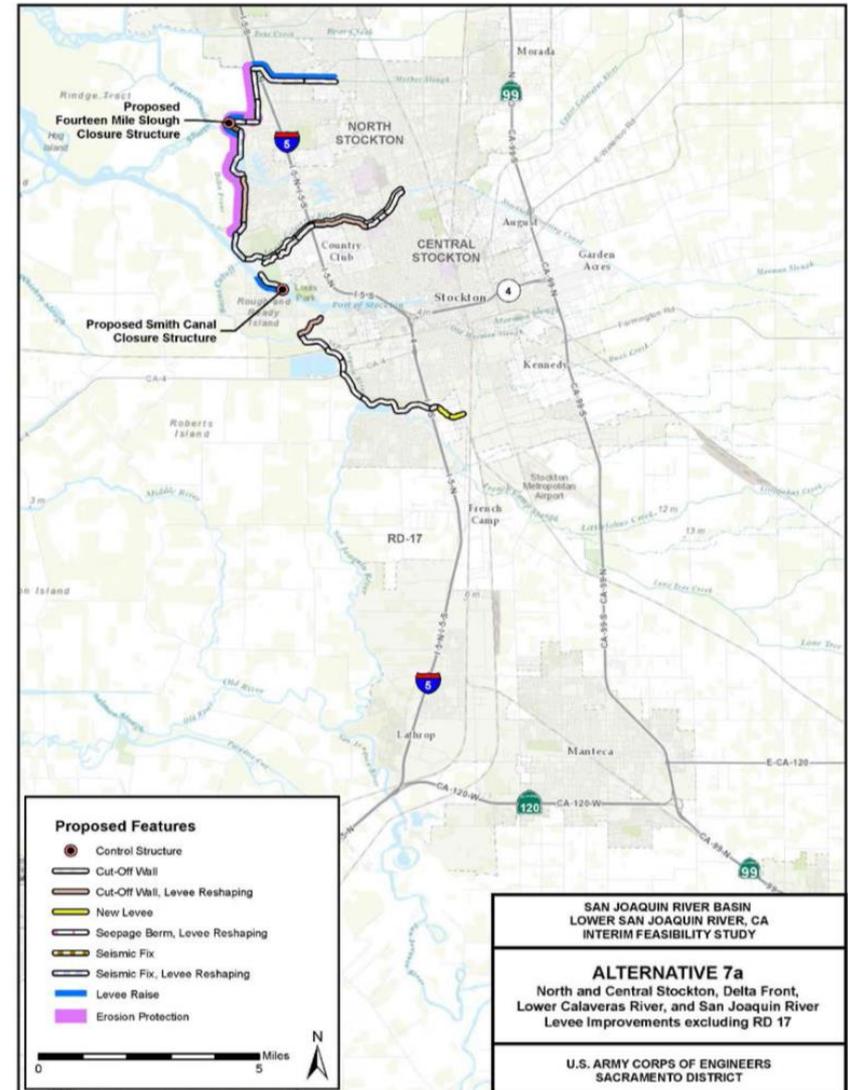
- Cutoff Walls – 22.5 miles
- Seismic Fixes – 3.0 miles
- Levee Raise – 2.8 miles
- Setback Levee – 1.3 miles
- Geometry Improvements – 6 miles
- Rock Revetment – 5 miles
- New Levee – 0.8 miles

SCHEDULE

MAY 19	JUN 19	JUL 19
5 SPK DE signs and executes DA	1 Hydraulic and Geotechnical analysis; Design continues	1 Hydraulic and Geotechnical analysis; Design continues
9 SPK send funds request letter to non-federal sponsors		
24 Receipt of funds from SJAFCA; Designs begin		

FY19 Commitments:

- Execute a Design Agreement (DA)
- Begin designs (for the first 1-2 reaches)





WEST SACRAMENTO



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$1.2B

Fed Available: \$107,858K

Non-Fed Available: \$20,183K

Total Available: \$128,041K

Authorized Project (WRDA 2016):

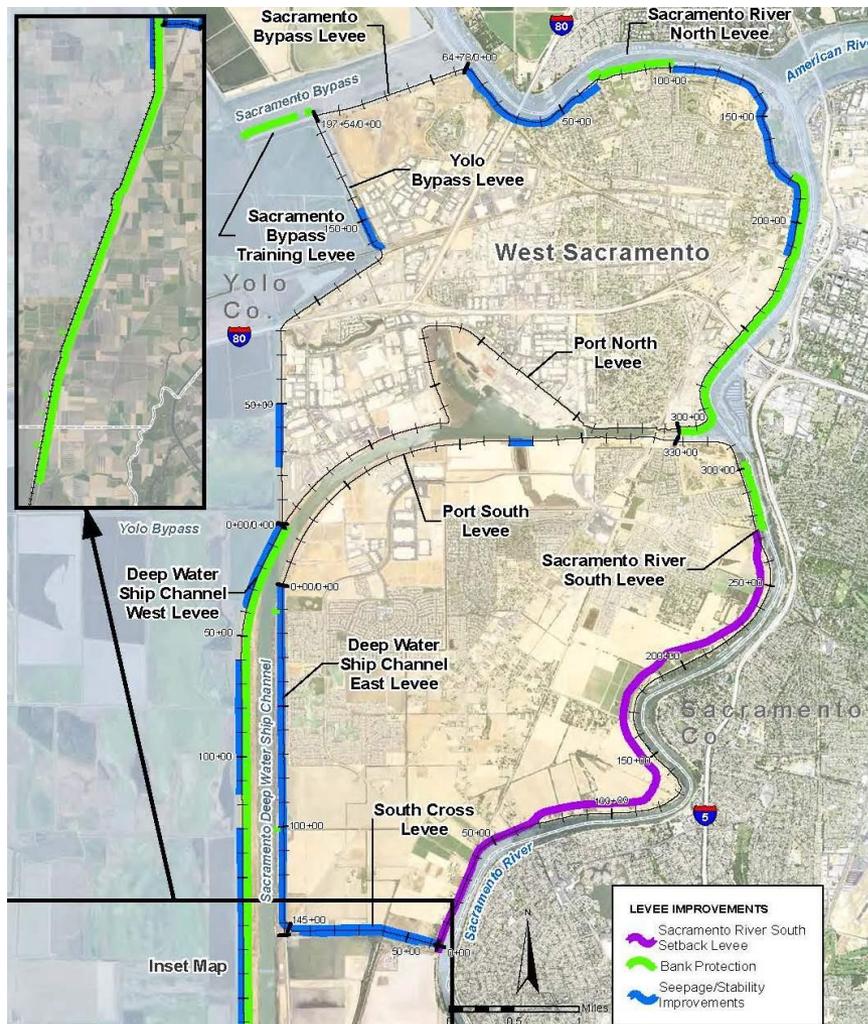
- Cutoff walls – 16 miles
- Bank Protection – 23.5 miles
- Levee Stabilization – 4.5 miles
- Setback Levee – 3.8 miles
- Improvements to Deep Water Ship Channel – 17 miles

SCHEDULE

APR 19	MAY 19	JUN 19
Prepare the RP & PMP Prep the PPA Doc.	Technical disciplines continue work on the ePMP and RP	Technical disciplines work to finalize the ePMP and RP
PLB Mtg and PDT kick-off mtg.	Technical disciplines continue coord with design efforts and reviews	Technical disciplines continue coord with design efforts and reviews
*Assemble a team and Ramp up to Run		

FY19 Commitments:

- Appropriation FY 19 WP funding (i) PED
- Initiate DA, PMP and RP for PED effort.





ARCF NATOMAS



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – \$1.28B
 Current EAC - \$1.276B

Fed Avail - \$51.6M
 NF Avail - \$5.7M
Total Available - \$57.3M

Authorized Project (WRRDA 2014):

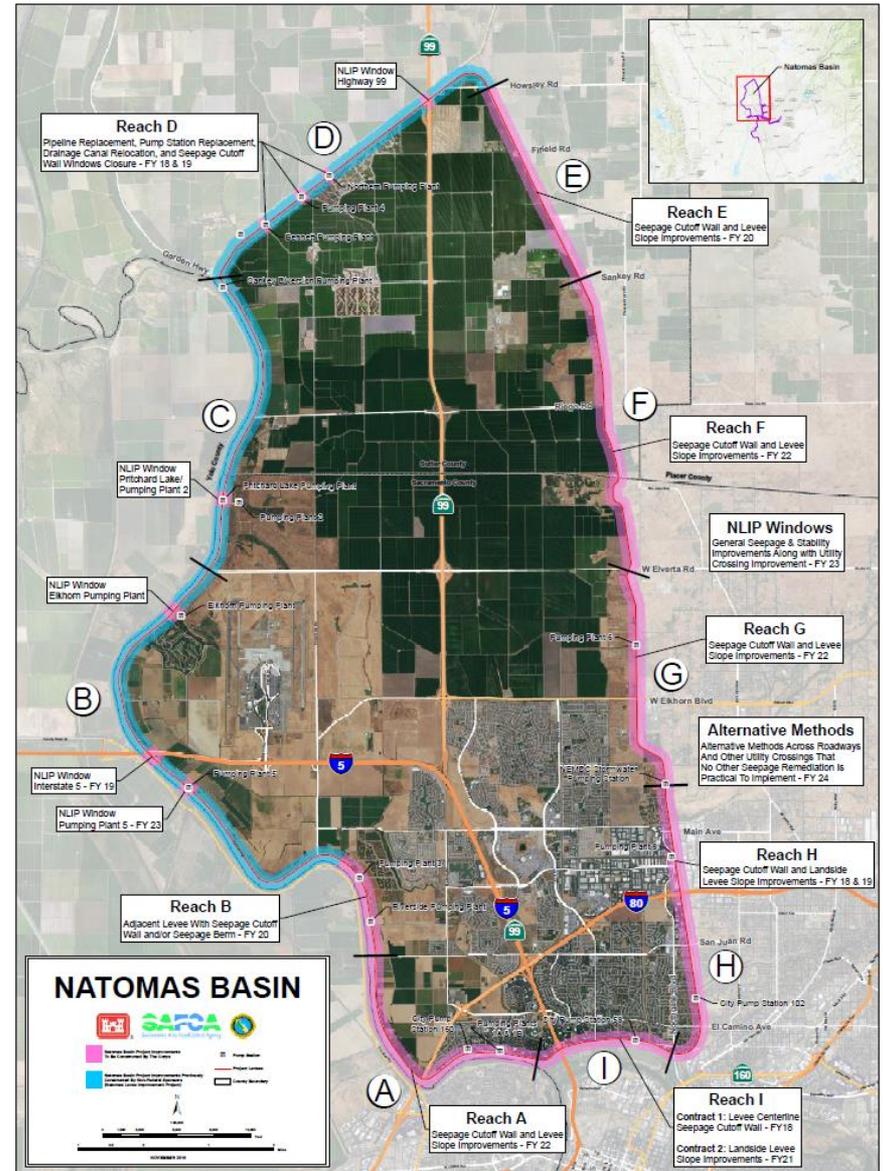
- Cutoff Wall – 34 miles
- Levee Stabilization – 8 miles

SCHEDULE

MAY 19	JUN 19	JUL 19
22 - I-5 Window, A-E Complete 65% Design 9 – Reach B, Complete Final Design 31- Reach E Complete 35% Design construction	1-31 –continue RIC1 construction - 1 – continue Reach D construction 1-31 – begin Reach H construction	10 – Issue Reach B Solicitation 1-12 – Reach A –Complete 65% Design

FY19 Commitments:

- I-5 Window Design
- Award Riverside Canal construction contract
- Reach E – begin design
- Reach D – Resume Construction in May
- Reach I, Contract 1 Construction
- Reach H – begin construction





PL 84-99 LEVEE REHABILITATION



AVAILABLE FUNDING/COMMITMENTS

Funding:

Authorized Cost – NA
Current EAC – \$183M

Current Fed - \$ 92,438,388
Current NF - \$ 1,172,446
Total Avail - \$ 67,977,594

Authorized Project:

- Repair of damaged sites that are eligible for rehabilitation assistance under PL 84-99

SCHEDULE

MAY 19	JUN 19	JUL 19
<ul style="list-style-type: none"> Award two contracts scheduled for 31MAY2019 and one contract scheduled for 25SEP2019 	<ul style="list-style-type: none"> Award one contract scheduled for 3JUN2019 	<ul style="list-style-type: none"> Award one contract scheduled for 11JUL2019

FY19 Commitments:

- Award and execute remaining FY18 construction contracts and new FY19 construction contracts

